

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101830.D
 Acq On : 29 Dec 2017 15:42
 Operator : SJ/JU
 Sample : I7023-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-DUP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	518	524	528	rBV2	375181	497731	9.45%	0.296%
2	5.351	553	555	559	rVB	544039	494146	9.38%	0.294%
3	5.410	561	565	570	rBV	2550497	2992024	56.82%	1.779%
4	5.575	591	593	597	rVV	537756	510350	9.69%	0.303%
5	5.622	597	601	608	rVB2	433678	591827	11.24%	0.352%
6	5.786	622	629	632	rBV4	594710	930058	17.66%	0.553%
7	5.834	632	637	640	rBV2	468458	676538	12.85%	0.402%
8	5.922	648	652	656	rVB3	702490	943804	17.92%	0.561%
9	6.016	662	668	674	rBV2	1910048	3109770	59.06%	1.849%
10	6.069	674	677	680	rVB	1014182	867340	16.47%	0.516%
11	6.204	695	700	703	rBV2	1321553	1586382	30.13%	0.943%
12	6.245	703	707	708	rBV2	596553	673573	12.79%	0.400%
13	6.269	708	711	713	rVB	1366105	1257445	23.88%	0.747%
14	6.298	713	716	724	rBV4	1087330	2046405	38.87%	1.216%
15	6.381	728	730	734	rVB3	496498	501771	9.53%	0.298%
16	6.433	734	739	743	rBV2	2743949	3639968	69.13%	2.164%
17	6.510	748	752	756	rBV4	1081689	1769244	33.60%	1.052%
18	6.563	756	761	765	rVB2	3182276	3964627	75.30%	2.357%
19	6.604	765	768	771	rBV2	991772	1290935	24.52%	0.767%
20	6.710	779	786	788	rBV5	593280	1202168	22.83%	0.715%
21	6.733	788	790	792	rBV2	608183	544252	10.34%	0.324%
22	6.786	796	799	801	rVB	2627091	2238028	42.50%	1.330%
23	6.828	804	806	809	rVB3	820832	864563	16.42%	0.514%
24	6.863	809	812	814	rBV3	522814	686635	13.04%	0.408%
25	6.886	814	816	818	rVB	752451	553048	10.50%	0.329%
26	6.922	818	822	823	rBV	2031878	2012147	38.21%	1.196%
27	6.945	823	826	830	rVB3	2110524	2697756	51.24%	1.604%
28	7.004	833	836	838	rBV2	680087	716639	13.61%	0.426%
29	7.051	838	844	847	rBV4	2011535	3171950	60.24%	1.885%
30	7.080	847	849	850	rBV	625743	474281	9.01%	0.282%
31	7.098	850	852	854	rBV	970580	874661	16.61%	0.520%
32	7.169	859	864	867	rBV4	1635676	1999876	37.98%	1.189%
33	7.198	867	869	874	rVB4	705288	882686	16.76%	0.525%
34	7.245	874	877	879	rBV2	982606	957617	18.19%	0.569%

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35	7.316	883	889	892	rBV2	2296895	3141159	59.66%	1.867%
36	7.357	892	896	902	rVB3	2561496	3788257	71.95%	2.252%
37	7.422	902	907	910	rBV6	2141355	3629671	68.93%	2.158%
38	7.486	910	918	922	rBV4	1715110	4044076	76.81%	2.404%
39	7.528	922	925	927	rBV2	593812	593422	11.27%	0.353%
40	7.557	927	930	932	rBV	2168206	2064845	39.22%	1.227%
41	7.580	932	934	937	rVB2	1841808	1777026	33.75%	1.056%
42	7.610	937	939	941	rVB	614342	451513	8.58%	0.268%
43	7.680	944	951	953	rBV5	2042208	3947486	74.97%	2.346%
44	7.739	959	961	964	rVB2	1723691	1920512	36.47%	1.142%
45	7.780	964	968	970	rBV4	769194	967925	18.38%	0.575%
46	7.804	970	972	976	rVV3	1268469	1551627	29.47%	0.922%
47	7.880	982	985	988	rVB3	1345772	1623315	30.83%	0.965%
48	7.933	991	994	997	rBV2	1500003	1619682	30.76%	0.963%
49	7.969	997	1000	1002	rBV	646620	588764	11.18%	0.350%
50	8.022	1003	1009	1011	rBV5	1410898	2831984	53.79%	1.683%
51	8.127	1023	1027	1029	rVB2	3014958	4357246	82.75%	2.590%
52	8.157	1029	1032	1034	rBV3	1320839	1390973	26.42%	0.827%
53	8.222	1039	1043	1044	rBV2	1202944	1350416	25.65%	0.803%
54	8.269	1048	1051	1053	rVB3	1587891	1566894	29.76%	0.931%
55	8.357	1058	1066	1071	rBV3	2374780	5265360	100.00%	3.130%
56	8.410	1073	1075	1079	rVB4	1637872	1717372	32.62%	1.021%
57	8.457	1079	1083	1085	rBV2	1169047	1447854	27.50%	0.861%
58	8.492	1085	1089	1091	rBV	2790946	3536495	67.17%	2.102%
59	8.580	1100	1104	1106	rBV2	1700583	1859590	35.32%	1.105%
60	8.604	1106	1108	1111	rVV3	881579	992839	18.86%	0.590%
61	8.663	1115	1118	1121	rBV3	827654	1161118	22.05%	0.690%
62	8.792	1137	1140	1142	rBV2	984066	1032135	19.60%	0.614%
63	8.851	1146	1150	1152	rBV3	574668	879700	16.71%	0.523%
64	8.898	1155	1158	1160	rBV3	1622146	1628773	30.93%	0.968%
65	8.939	1163	1165	1167	rBV3	890093	920575	17.48%	0.547%
66	9.016	1176	1178	1181	rBV3	759412	788767	14.98%	0.469%
67	9.092	1187	1191	1197	rVB3	2619683	3675348	69.80%	2.185%
68	9.151	1198	1201	1205	rVB2	1499727	1655012	31.43%	0.984%
69	9.233	1210	1215	1217	rBV3	1211592	1925007	36.56%	1.144%
70	9.427	1243	1248	1251	rBV	1676248	2979215	56.58%	1.771%
71	9.498	1256	1260	1263	rVV	1533121	2467790	46.87%	1.467%

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72	9.551	1263	1269	1271	rVB4	2503717	4454137	84.59%	2.648%
73	9.574	1271	1273	1277	rBV4	658753	592927	11.26%	0.352%
74	9.616	1278	1280	1282	rBV2	807363	898850	17.07%	0.534%
75	9.698	1291	1294	1296	rVB2	1130575	1013177	19.24%	0.602%
76	9.792	1308	1310	1311	rBV	703572	610251	11.59%	0.363%
77	9.857	1319	1321	1323	rBV2	630618	566099	10.75%	0.337%
78	9.939	1331	1335	1339	rBV2	1243066	2148505	40.80%	1.277%
79	10.016	1345	1348	1349	rBV2	845497	858074	16.30%	0.510%
80	10.080	1356	1359	1367	rVB7	1889004	3002216	57.02%	1.785%
81	10.157	1368	1372	1374	rBV2	1491108	1749487	33.23%	1.040%
82	10.186	1374	1377	1382	rVB3	1624981	1878680	35.68%	1.117%
83	10.233	1382	1385	1389	rBV3	1263223	1932756	36.71%	1.149%
84	10.474	1420	1426	1428	rBV2	2081149	3038210	57.70%	1.806%
85	10.745	1467	1472	1479	rVB2	2961992	5240154	99.52%	3.115%
86	10.968	1508	1510	1512	rVB3	847259	663769	12.61%	0.395%
87	11.045	1521	1523	1524	rBV	704237	575118	10.92%	0.342%
88	11.198	1546	1549	1557	rVB2	2342707	3582832	68.05%	2.130%
89	11.351	1573	1575	1583	rVB	985605	1436867	27.29%	0.854%
90	11.545	1605	1608	1611	rVB2	838775	756527	14.37%	0.450%
91	11.827	1653	1656	1659	rBV	682212	746548	14.18%	0.444%
92	11.857	1659	1661	1664	rVB	801590	643432	12.22%	0.382%
93	11.933	1672	1674	1677	rVV	629016	589383	11.19%	0.350%
94	11.963	1677	1679	1683	rVB2	736575	711719	13.52%	0.423%
95	12.057	1693	1695	1698	rVB3	602292	554884	10.54%	0.330%
96	12.268	1729	1731	1734	rVB2	514618	455076	8.64%	0.271%
97	12.374	1746	1749	1752	rBV	634730	589696	11.20%	0.351%
98	12.898	1834	1838	1841	rVB	2117539	1898344	36.05%	1.128%
99	13.968	2016	2020	2028	rVB	847525	841433	15.98%	0.500%
100	15.439	2265	2270	2278	rBV	609506	841570	15.98%	0.500%

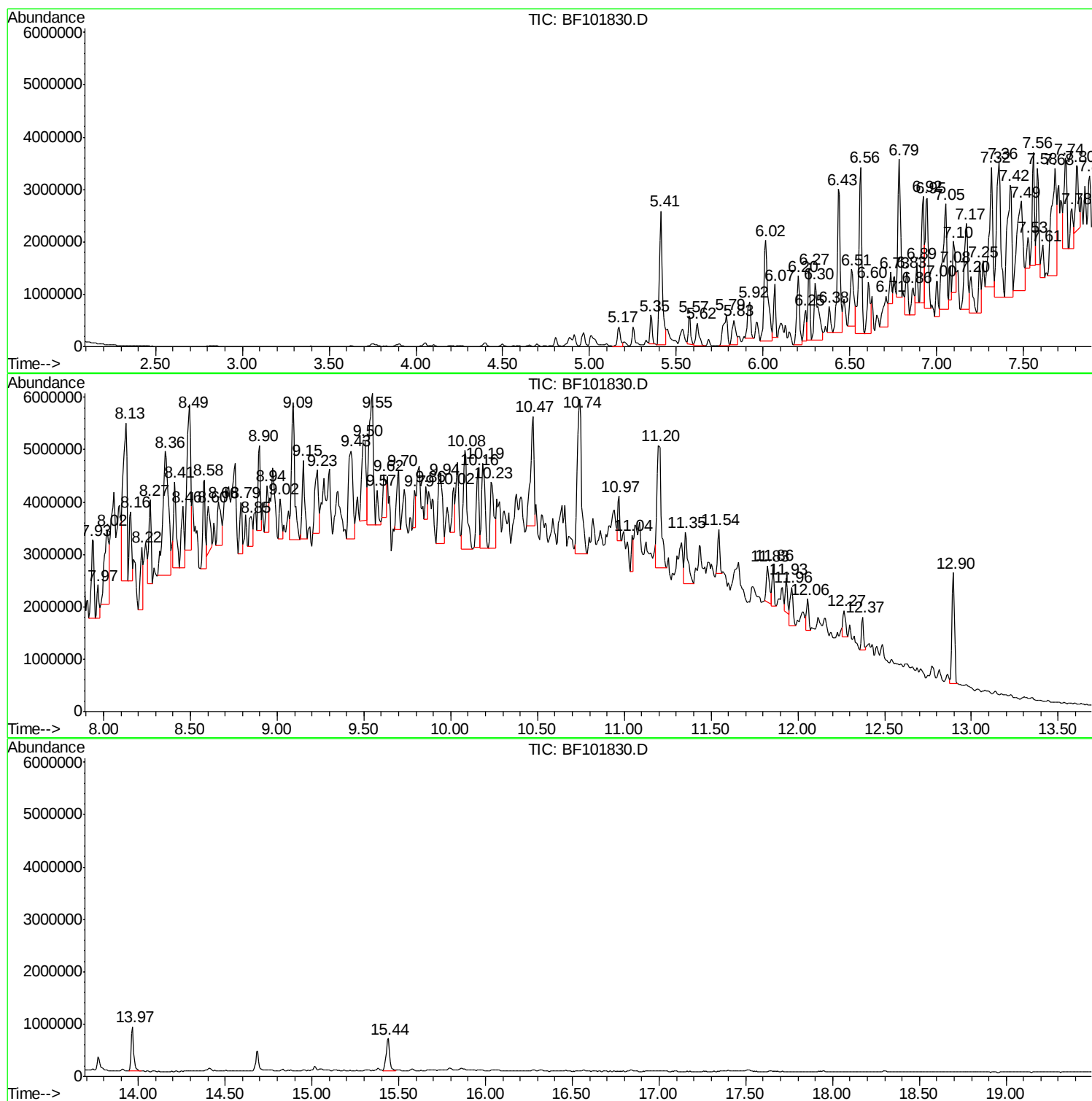
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LB-DUP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
BNA_F
ClientSampled :
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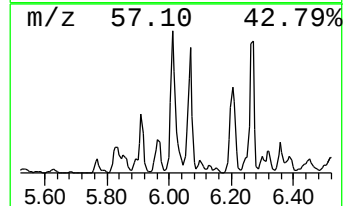
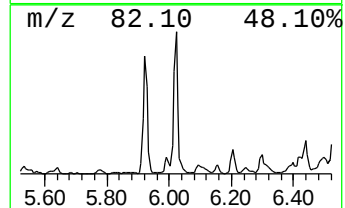
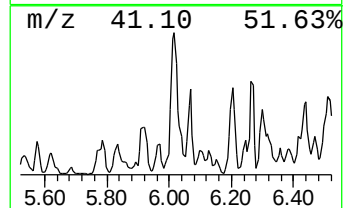
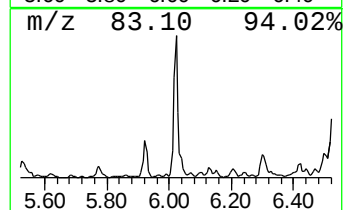
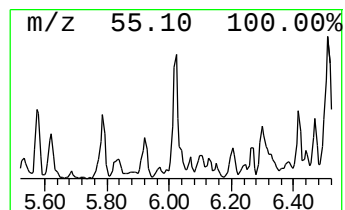
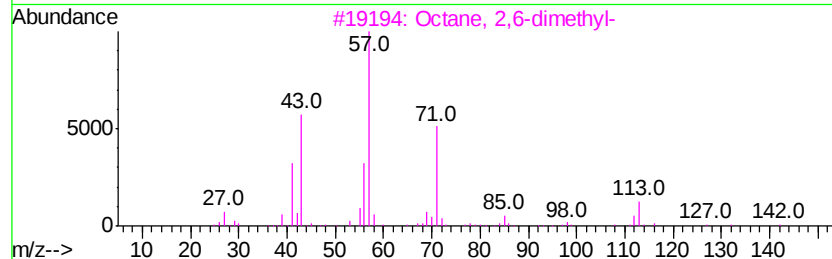
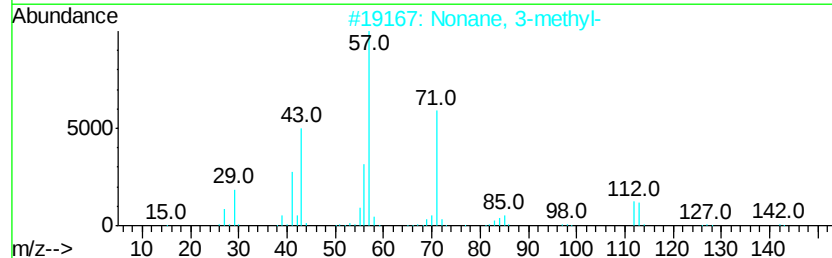
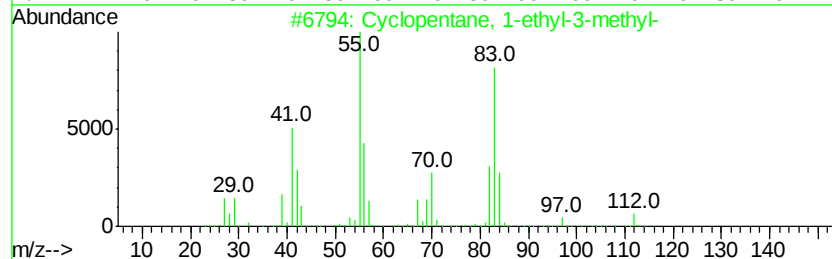
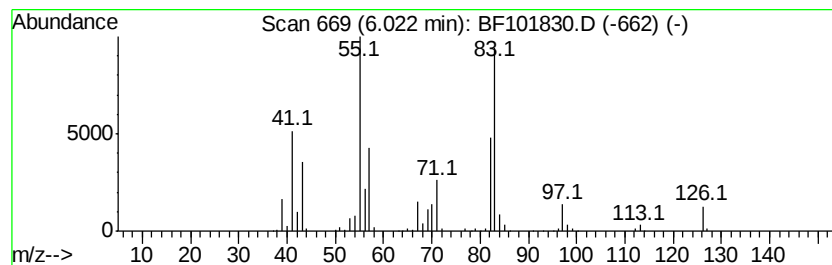
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	27.79 ng	3109770	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	52
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	35
4		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	25
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	25



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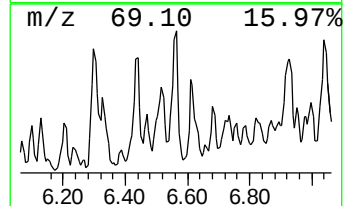
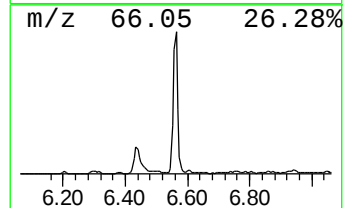
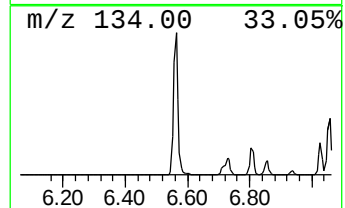
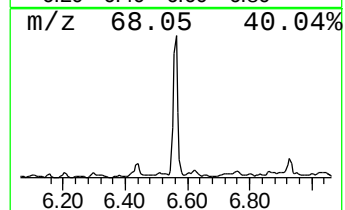
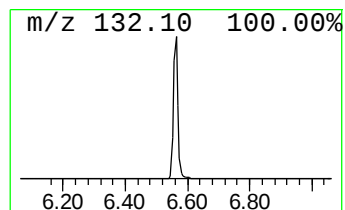
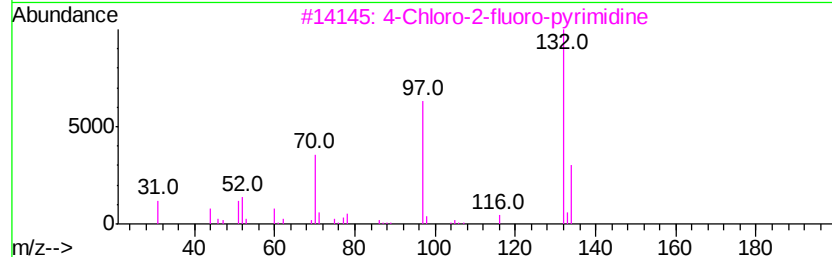
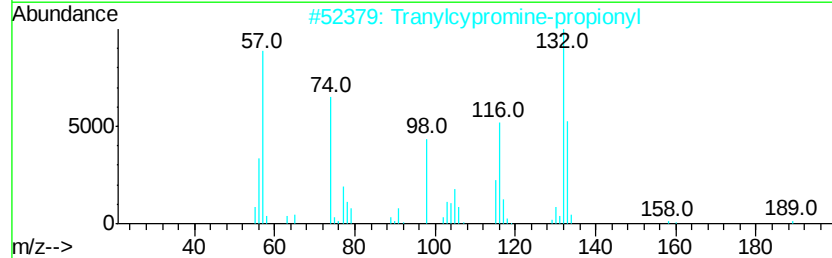
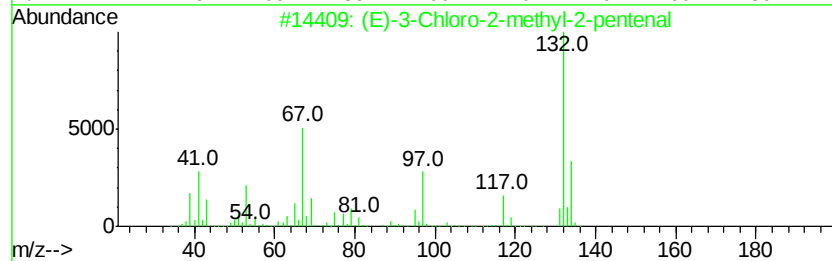
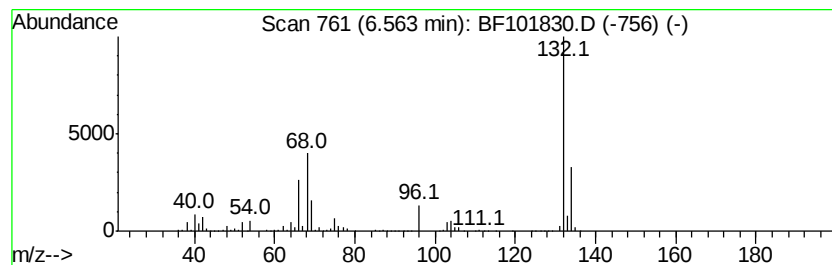
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.56 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	35.43 ng	3964630	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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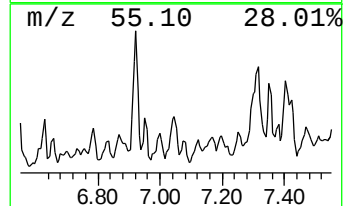
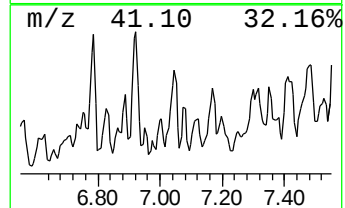
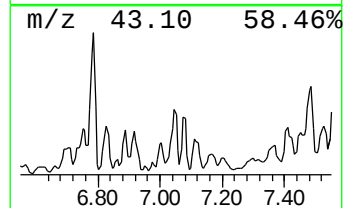
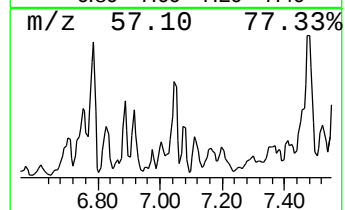
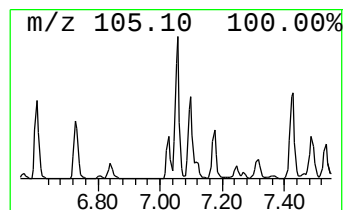
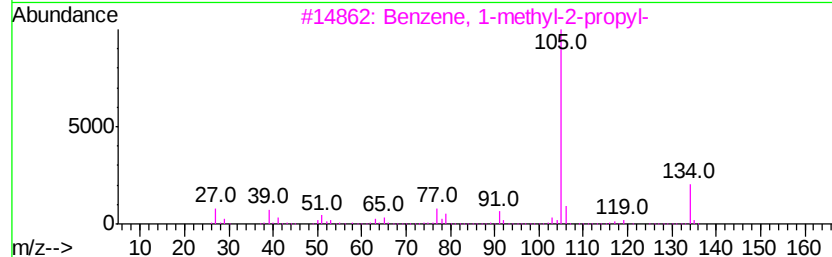
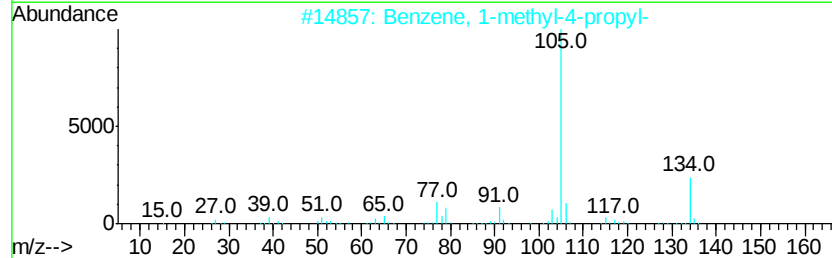
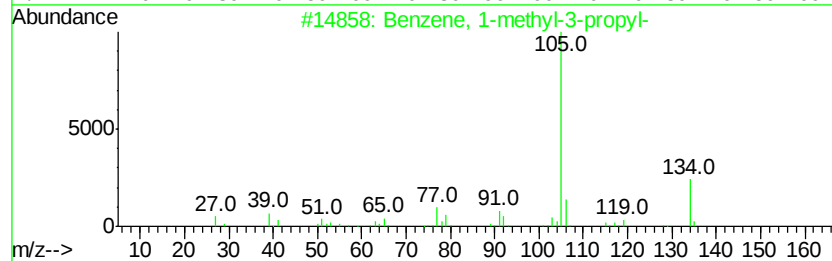
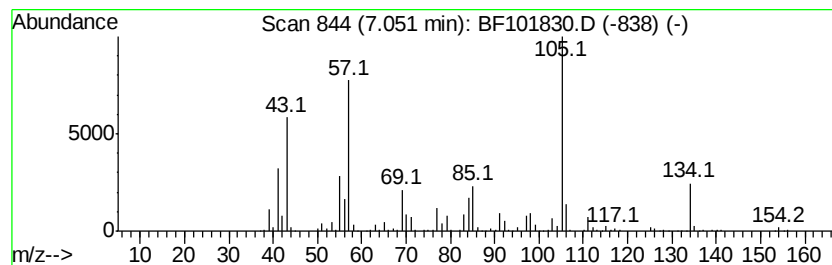
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	28.35 ng	3171950	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
5			Decane, 5-methyl-	156	C11H24	013151-35-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101830.D
Acq On : 29 Dec 2017 15:42
Operator : SJ/JU
Sample : I7023-04
Misc :
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ClientSampleId :
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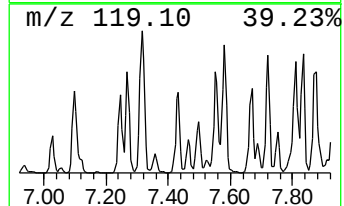
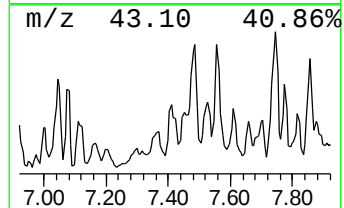
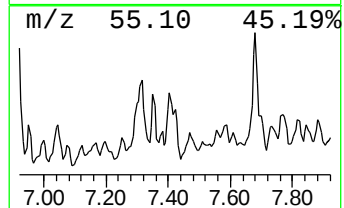
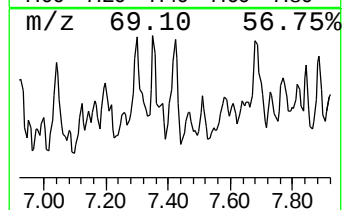
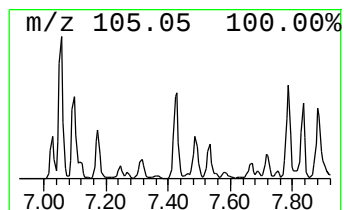
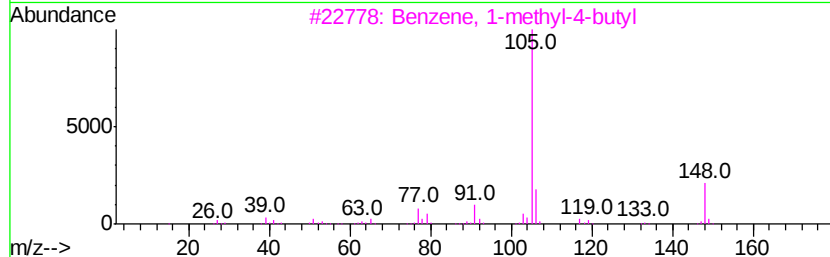
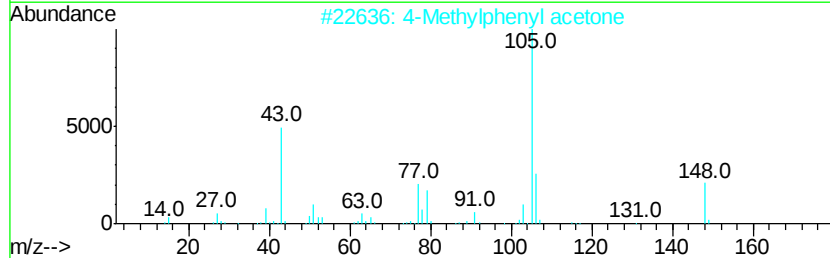
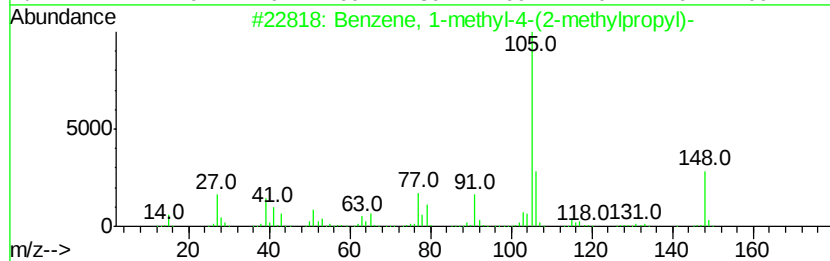
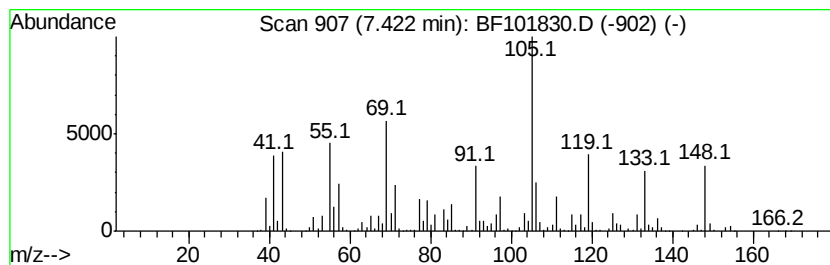
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	32.44 ng	3629670	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	42
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30
4		2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
5		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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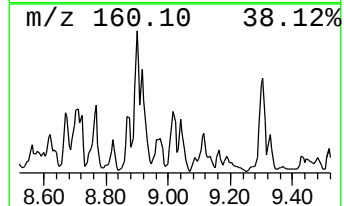
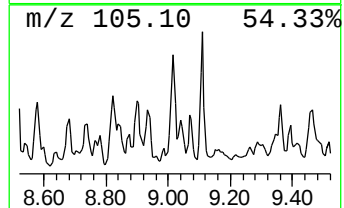
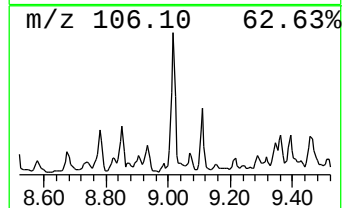
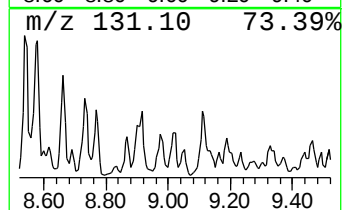
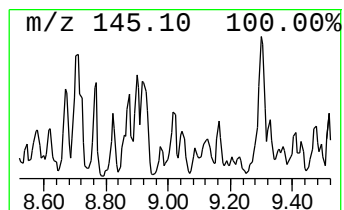
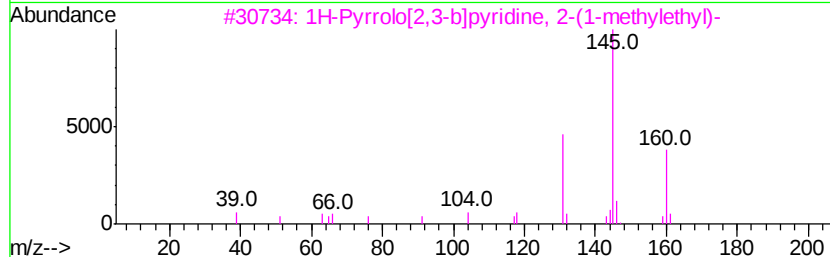
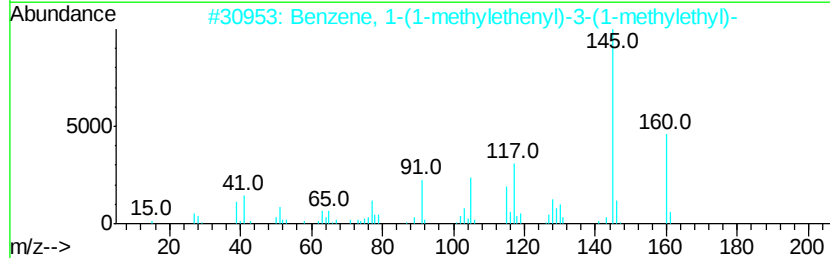
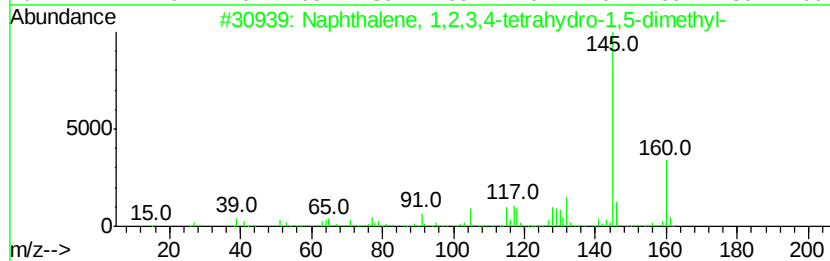
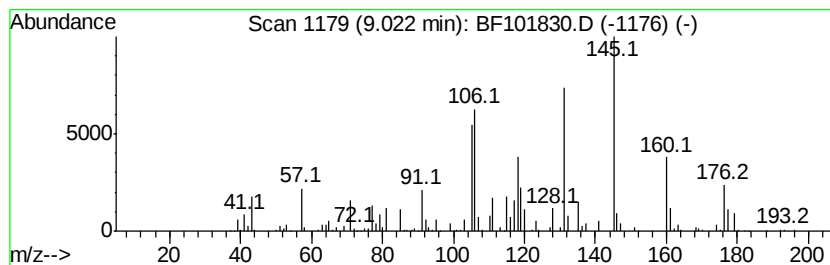
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	27.87 ng	788767	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	38
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
3		1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	38
4		Ethanone, 1-[4-(1-methylethenyl)...]	160	C11H12O	005359-04-6	35
5		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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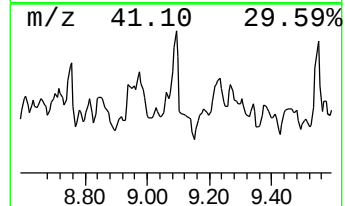
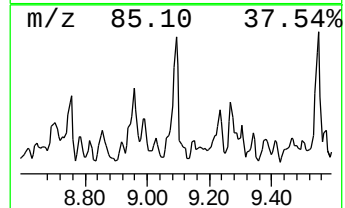
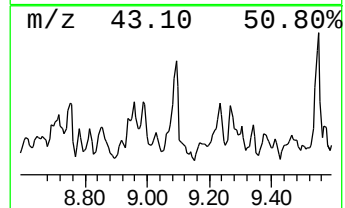
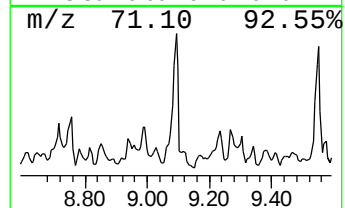
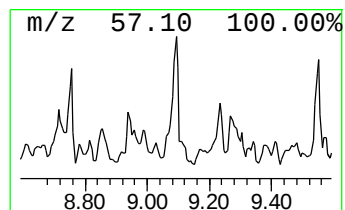
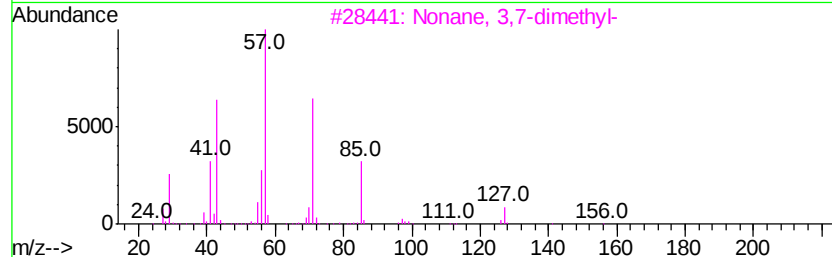
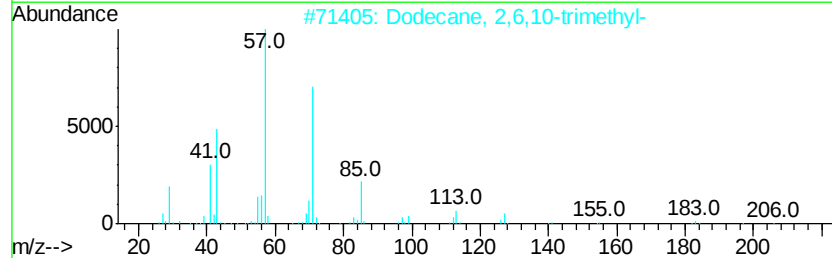
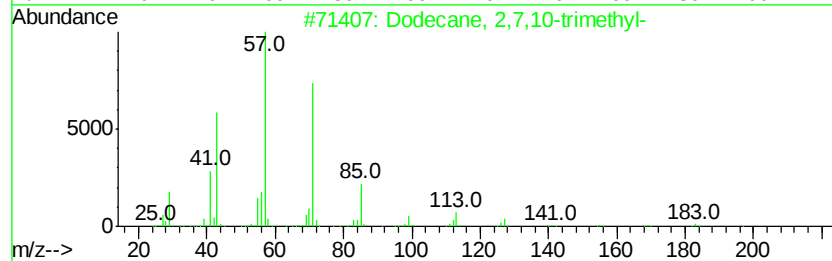
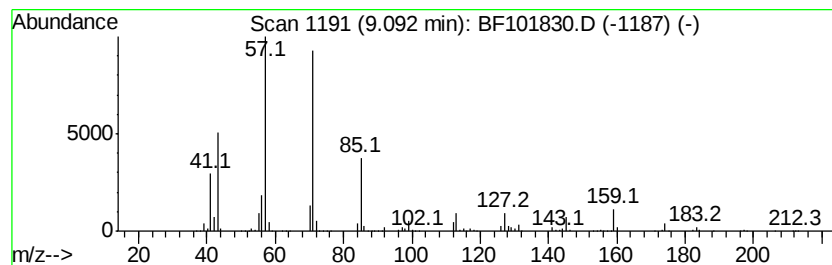
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	129.85 ng	3675350	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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Acq On : 29 Dec 2017 15:42
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ClientSampleId :
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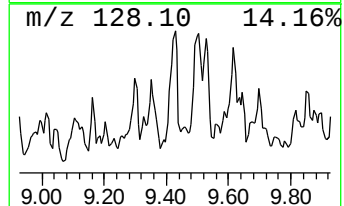
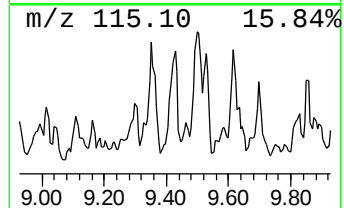
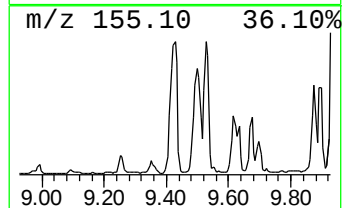
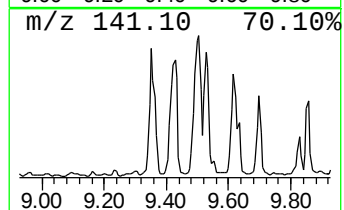
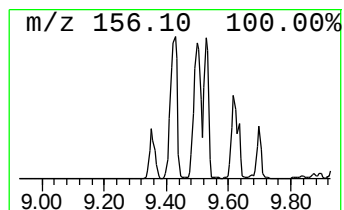
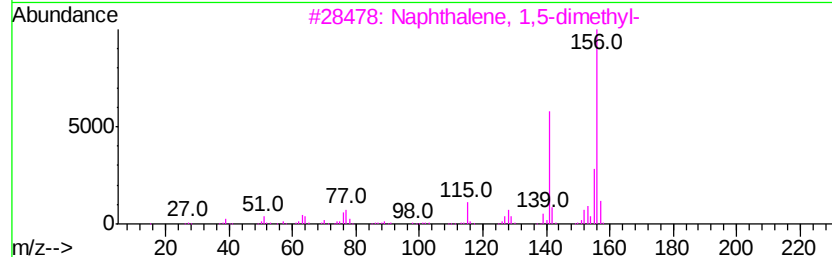
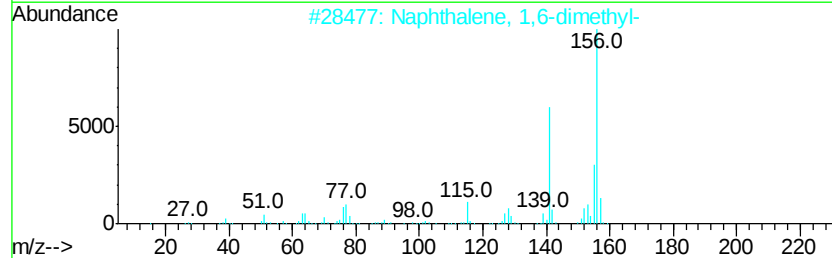
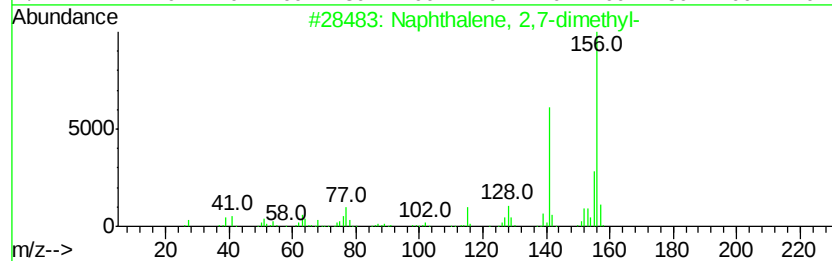
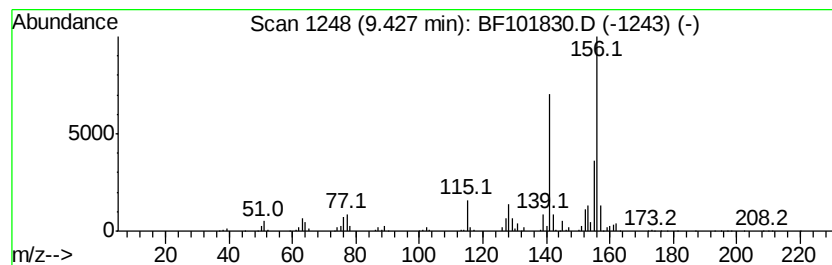
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	105.25 ng	2979220	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101830.D
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Misc :
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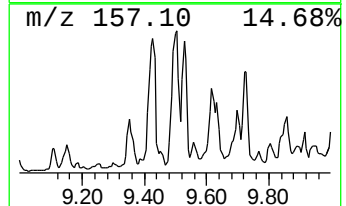
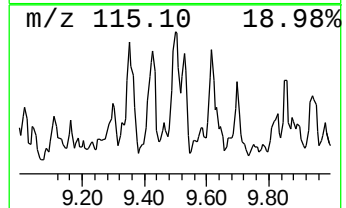
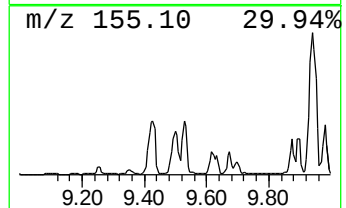
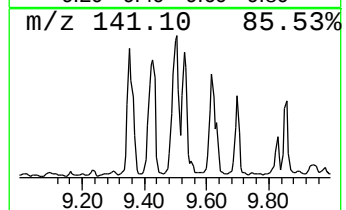
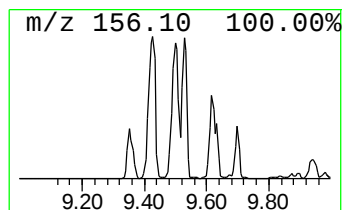
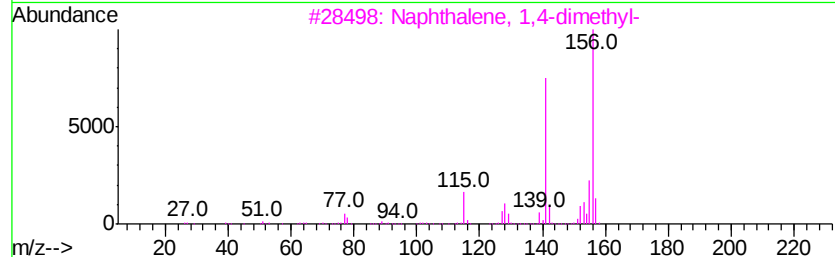
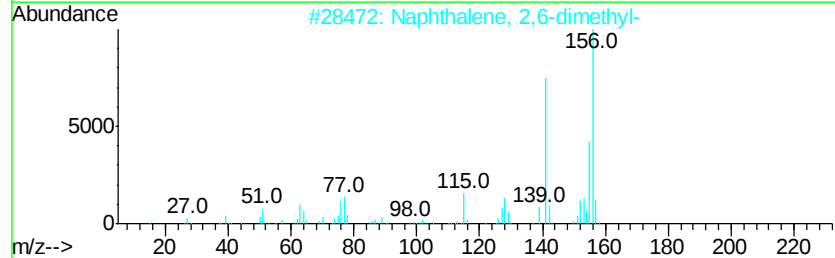
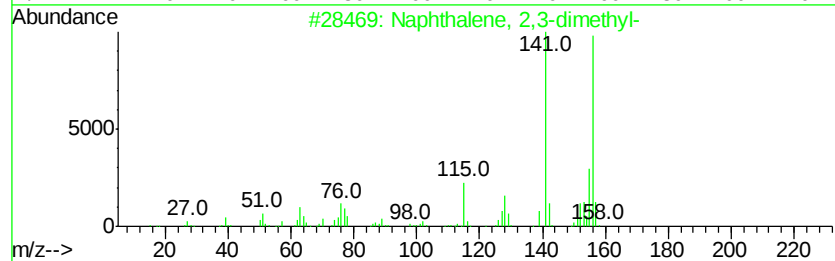
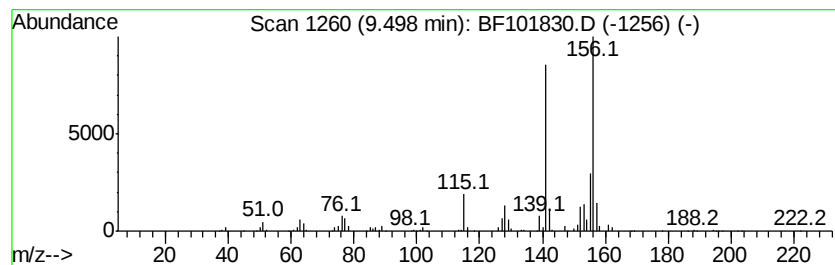
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	87.19 ng	2467790	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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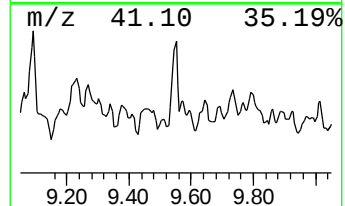
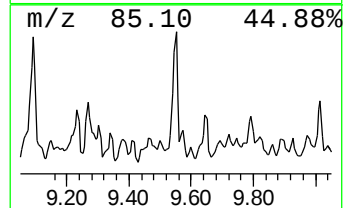
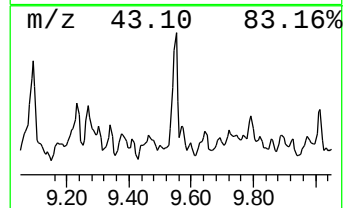
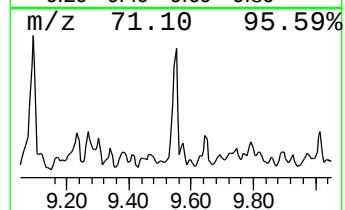
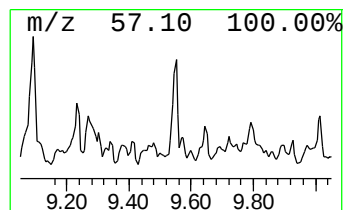
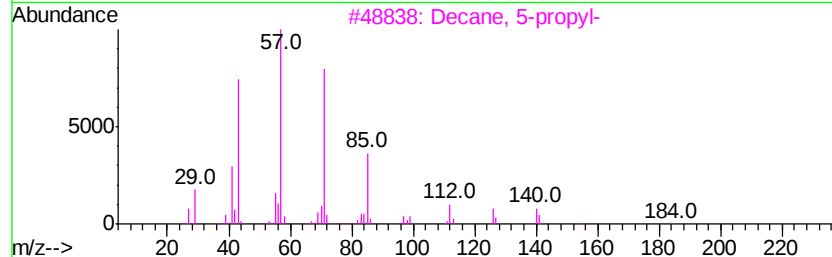
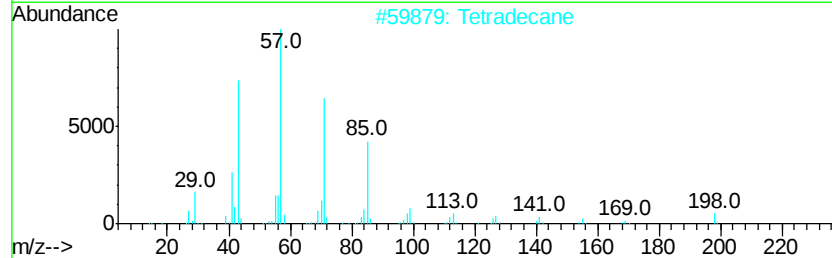
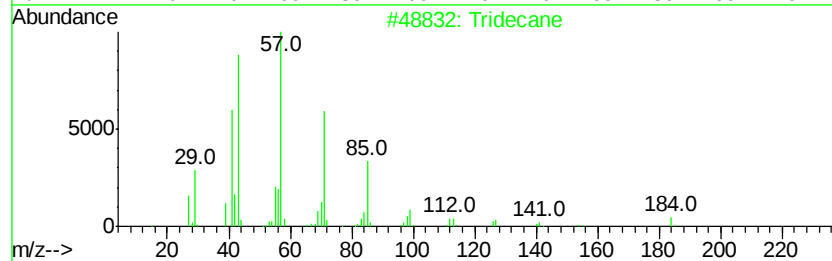
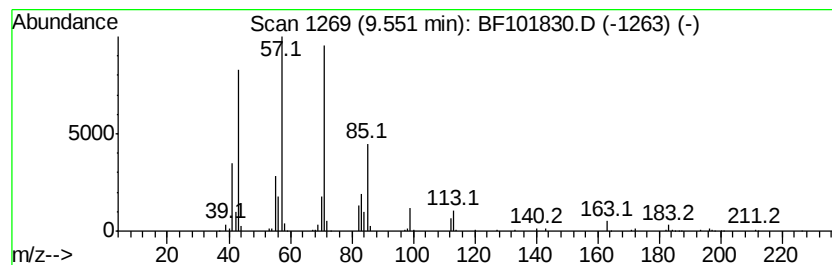
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	157.36 ng	4454140	Acenaphthene-d10	9.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Tetradecane		198	C14H30	000629-59-4	83
3	Decane, 5-propyl-		184	C13H28	017312-62-8	80
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	78
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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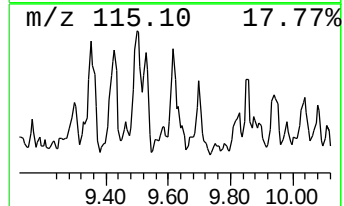
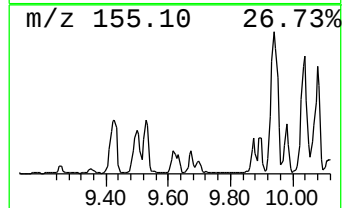
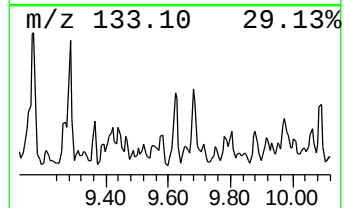
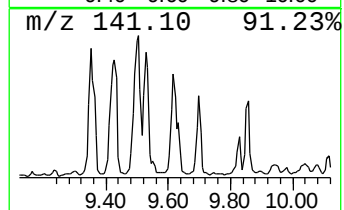
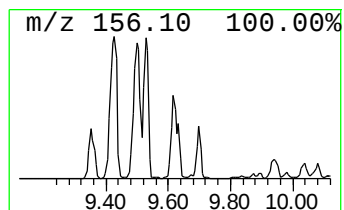
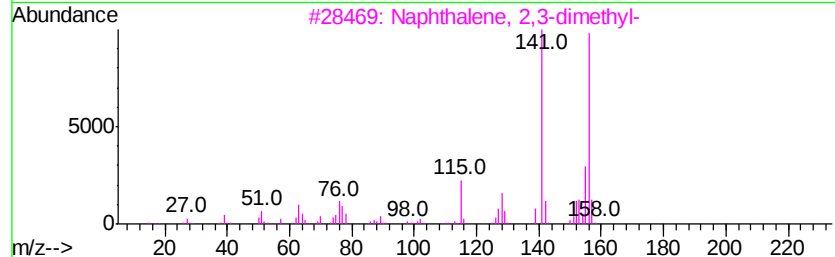
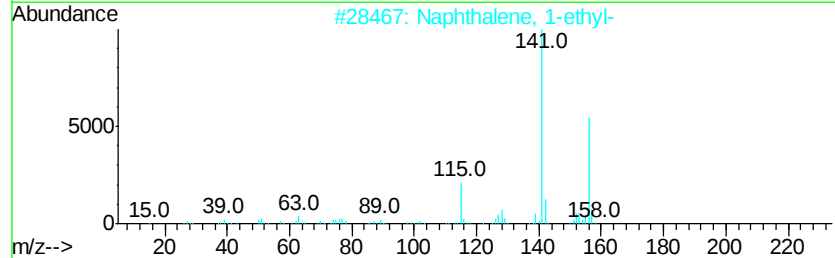
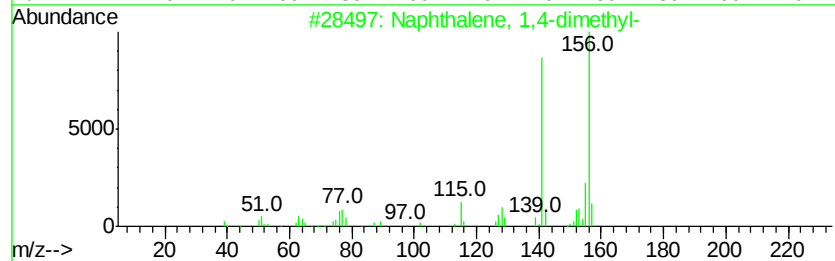
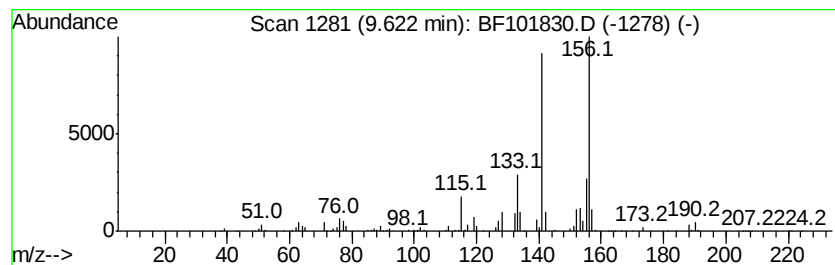
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	31.76 ng	898850	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101830.D
Acq On : 29 Dec 2017 15:42
Operator : SJ/JU
Sample : I7023-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
LB-DUP

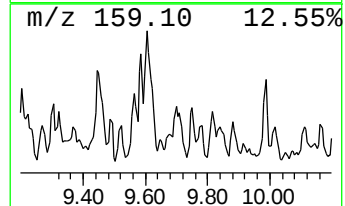
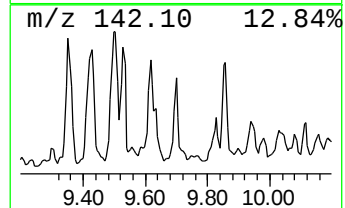
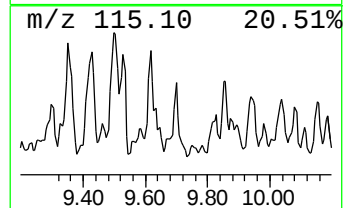
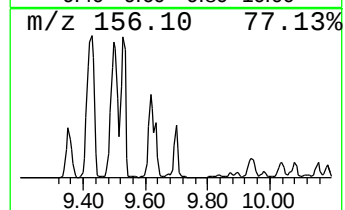
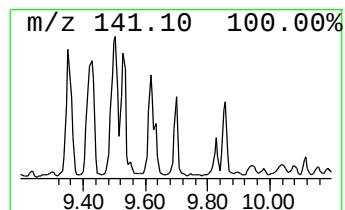
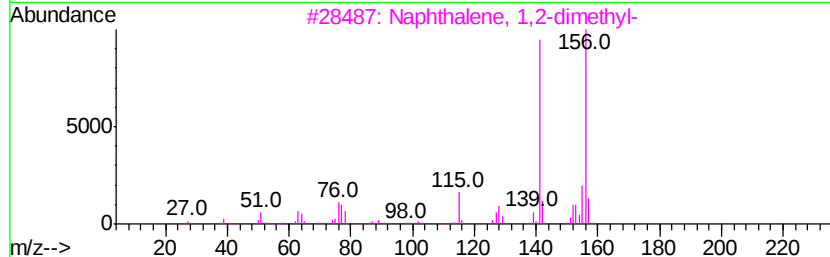
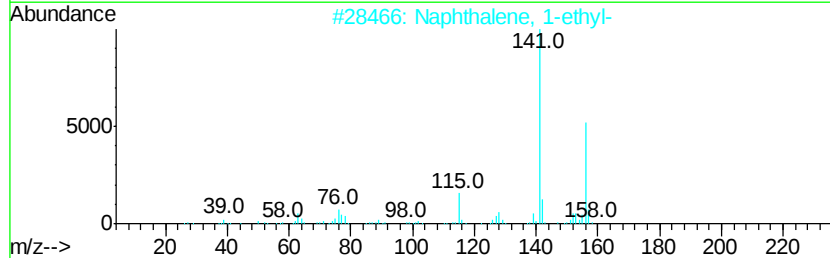
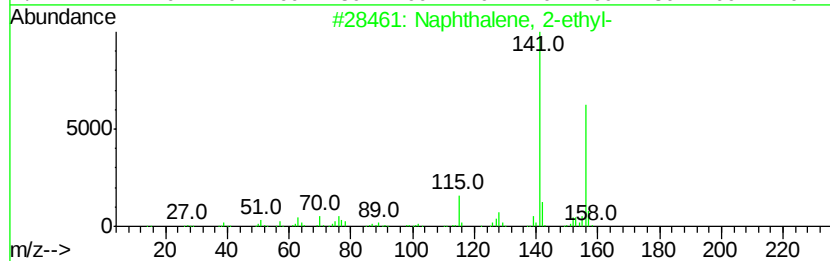
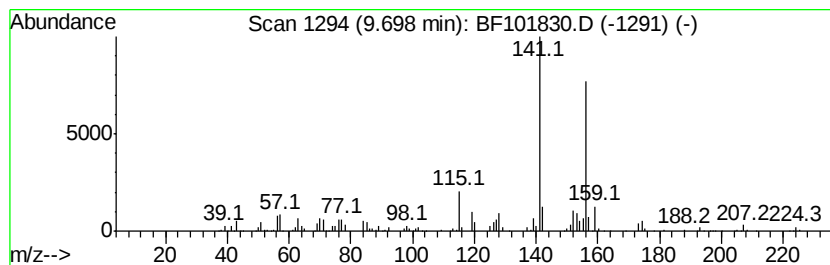
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	35.80 ng	1013180	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101830.D
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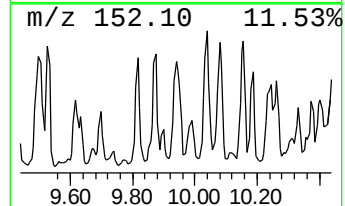
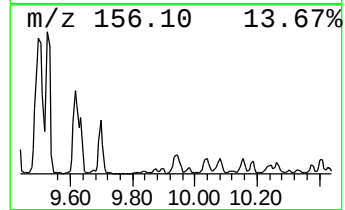
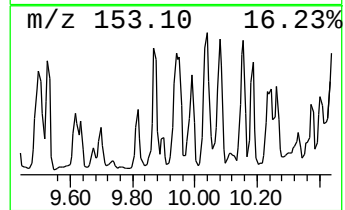
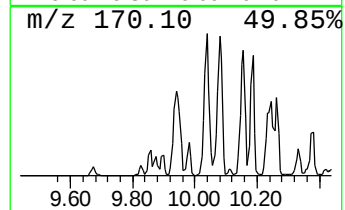
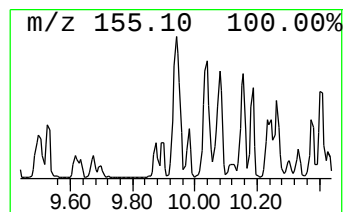
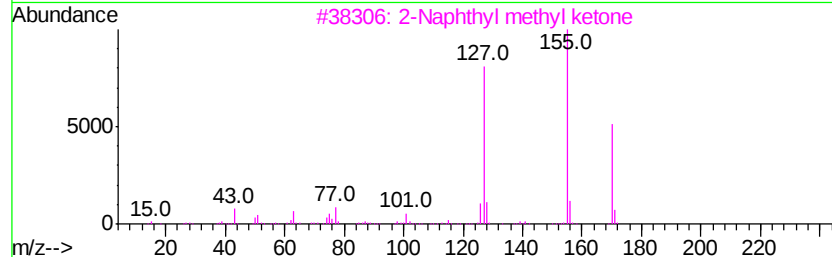
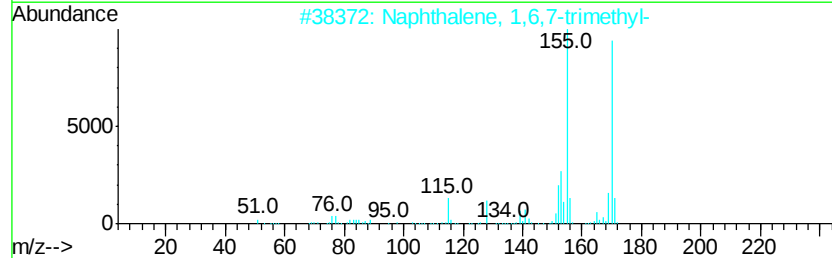
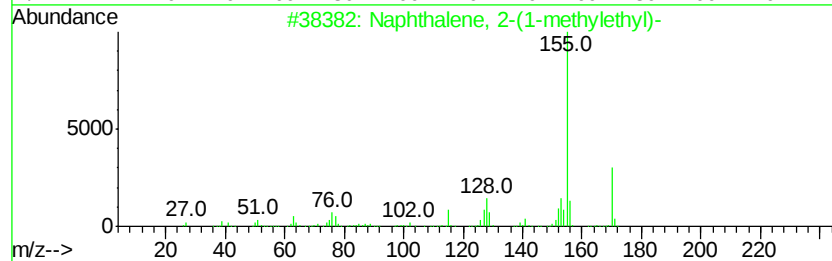
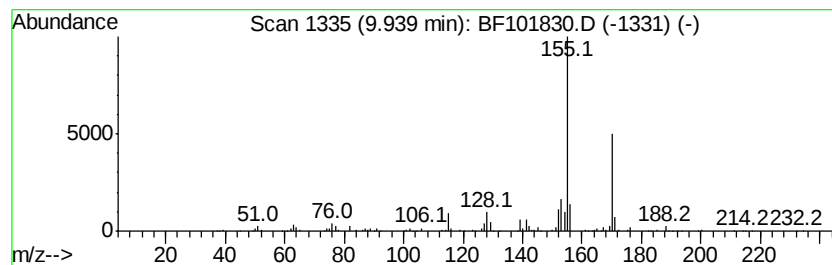
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	75.91 ng	2148510	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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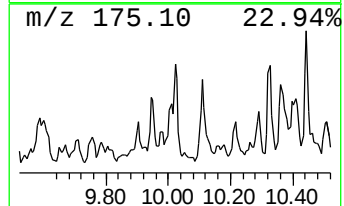
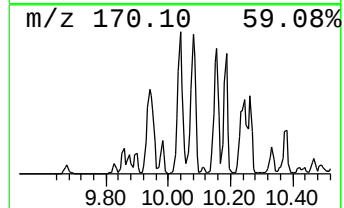
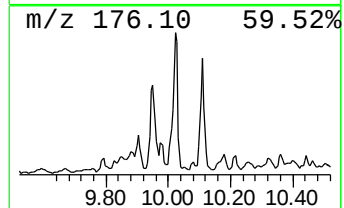
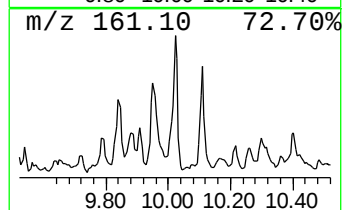
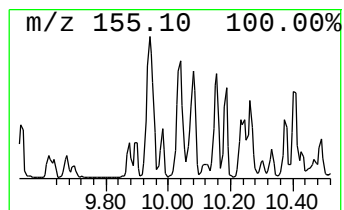
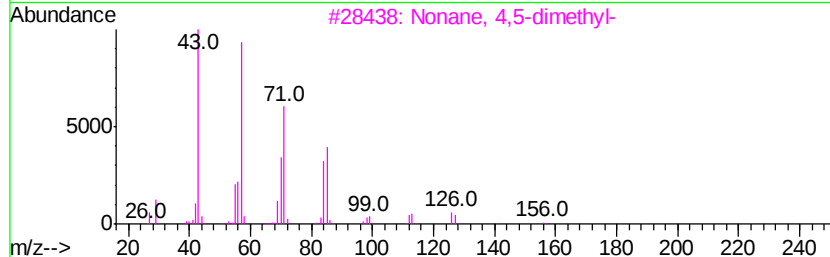
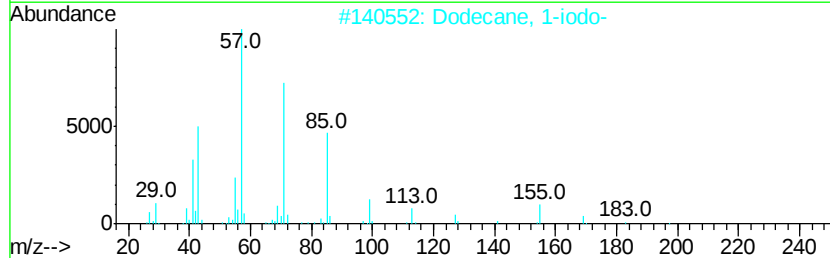
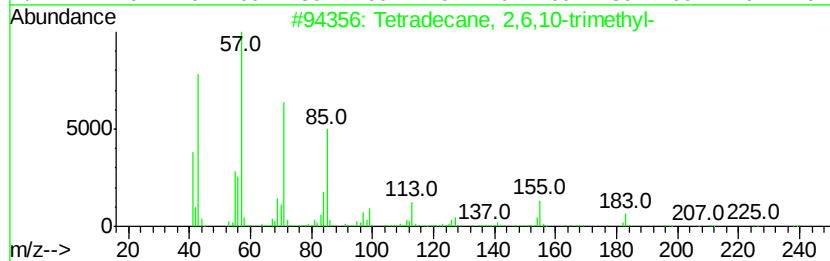
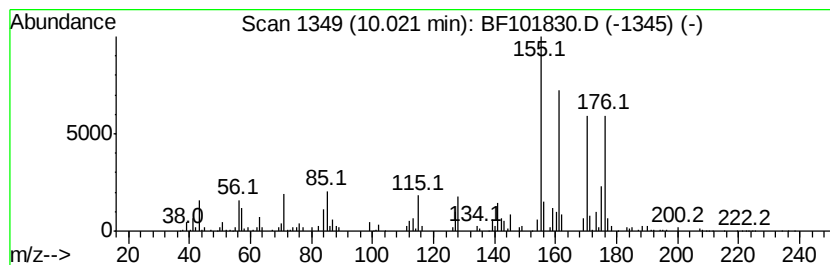
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	30.32 ng	858074	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7 52
2		Dodecane, 1-iodo-	296 C12H25I	004292-19-7 52
3		Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7 49
4		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 49
5		Decane, 2,4-dimethyl-	170 C12H26	002801-84-5 46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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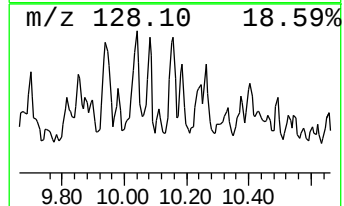
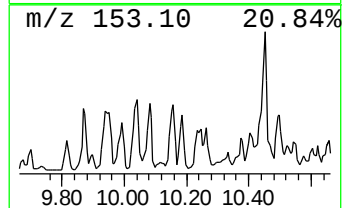
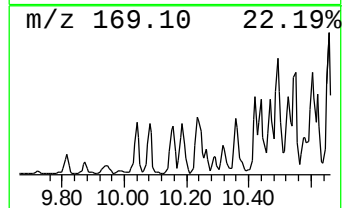
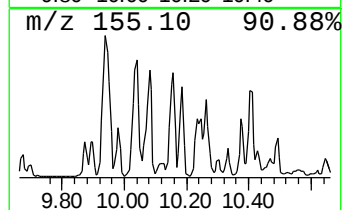
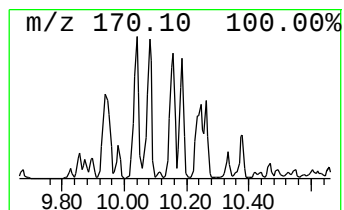
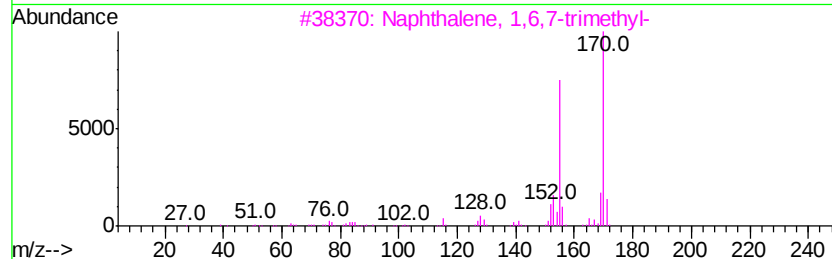
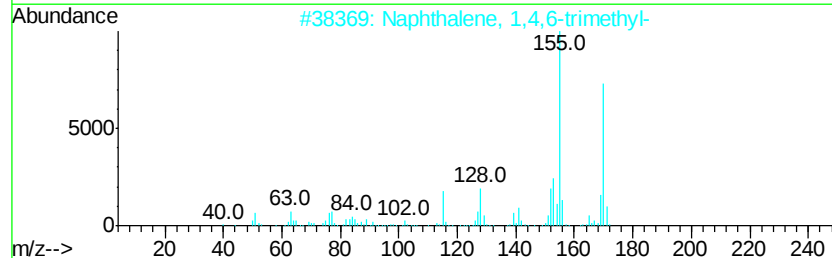
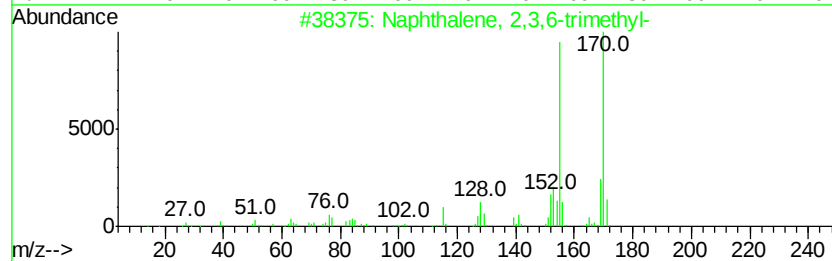
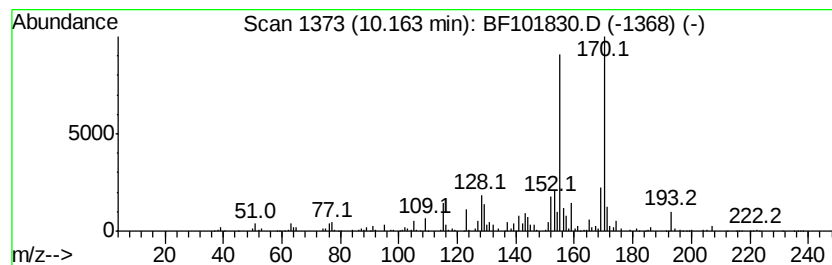
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	61.81 ng	1749490	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101830.D
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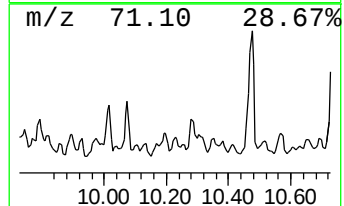
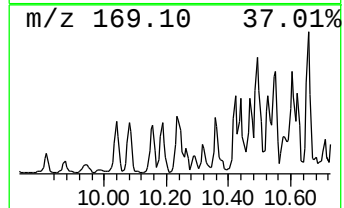
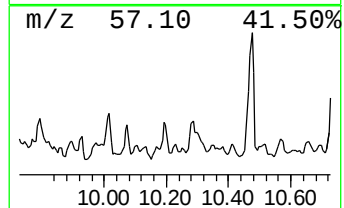
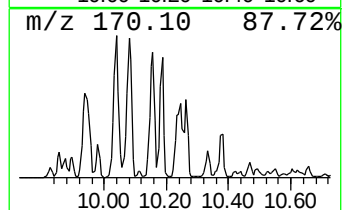
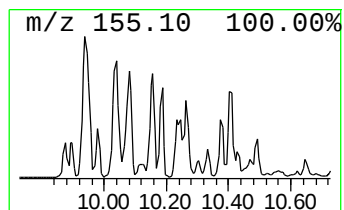
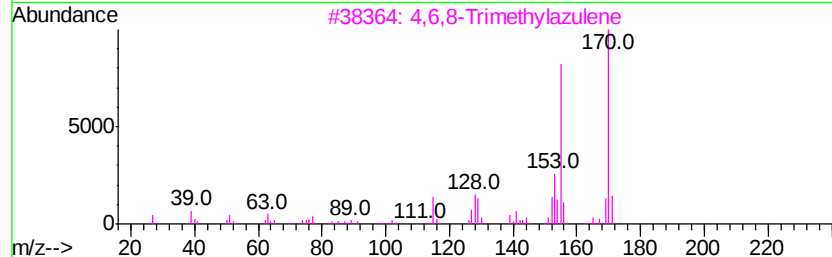
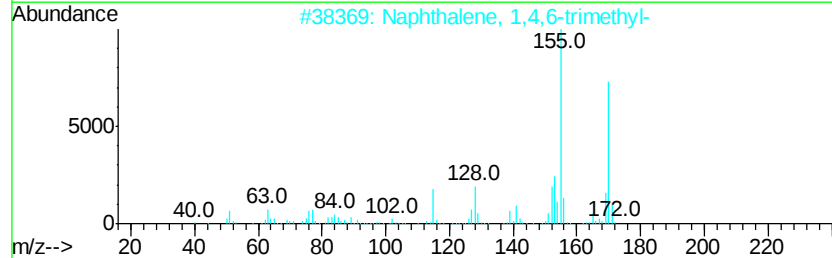
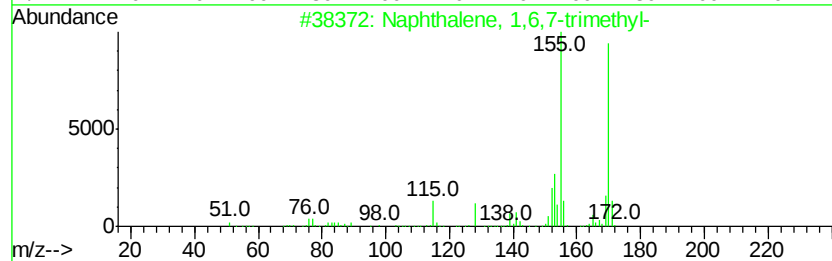
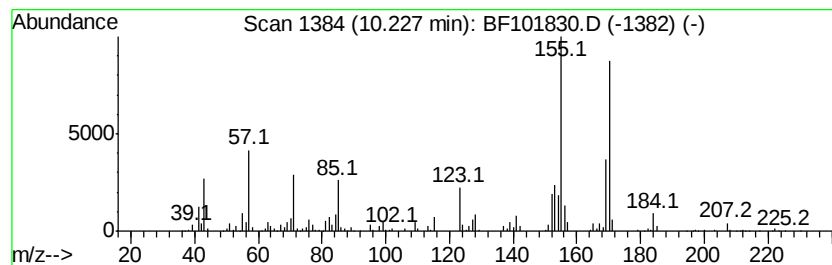
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	68.28 ng	1932760	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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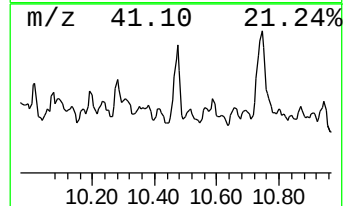
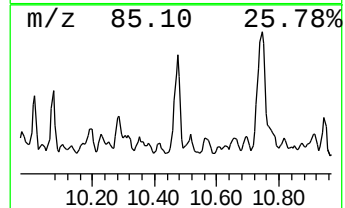
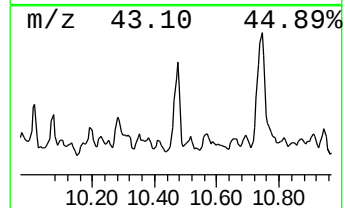
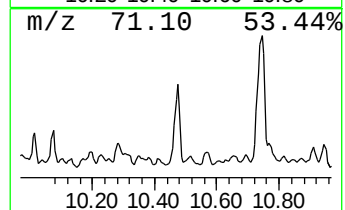
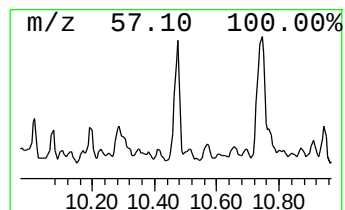
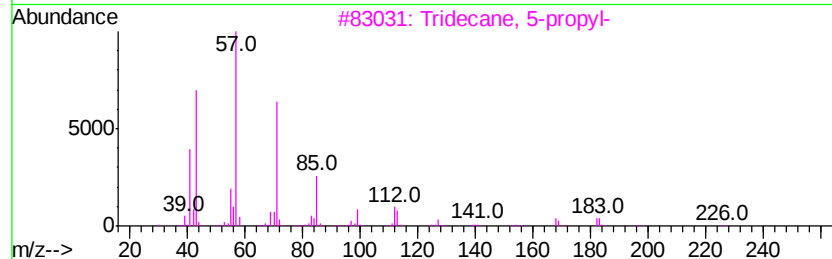
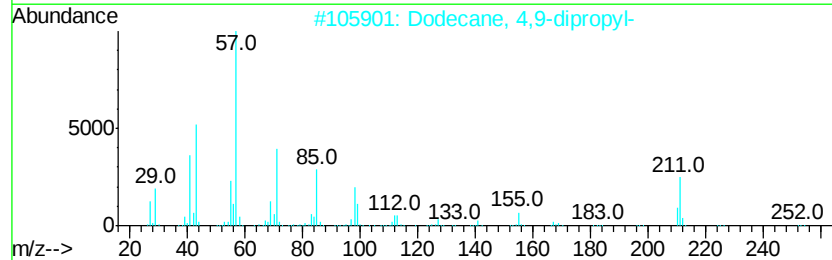
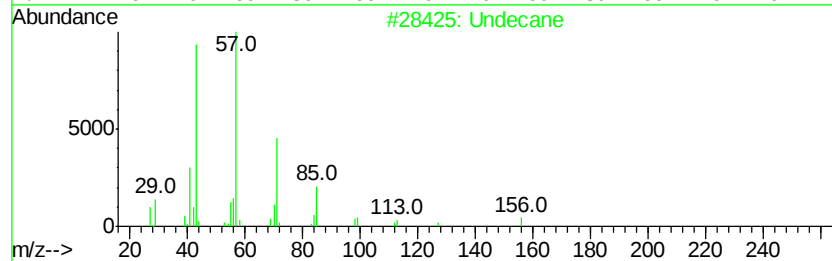
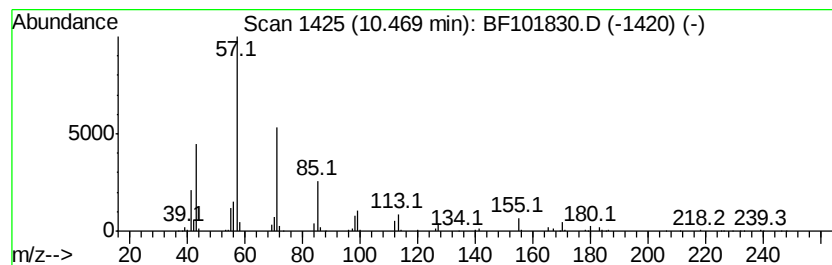
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	107.34 ng	3038210	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	83
2		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	83
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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ALS Vial : 16 Sample Multiplier: 1

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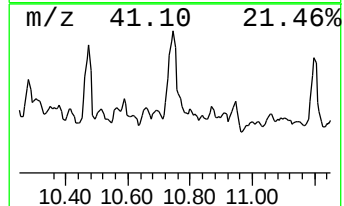
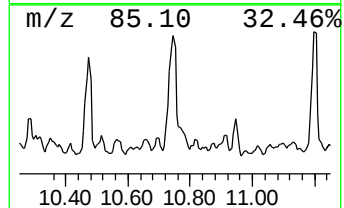
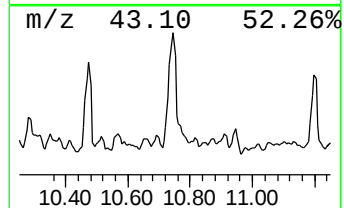
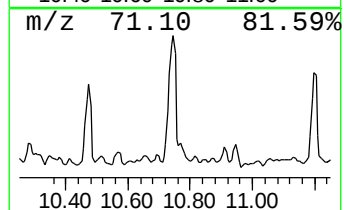
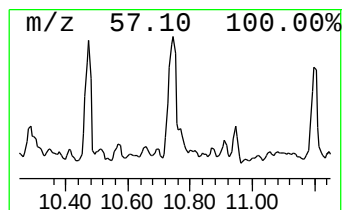
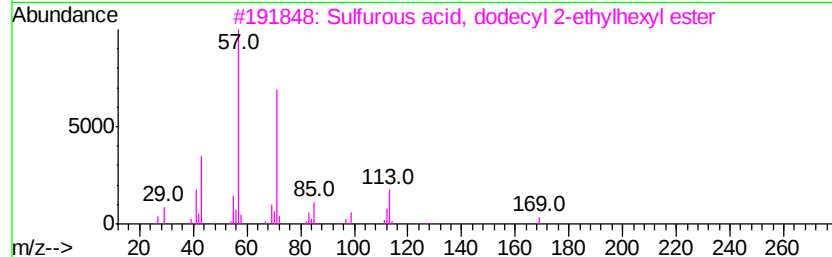
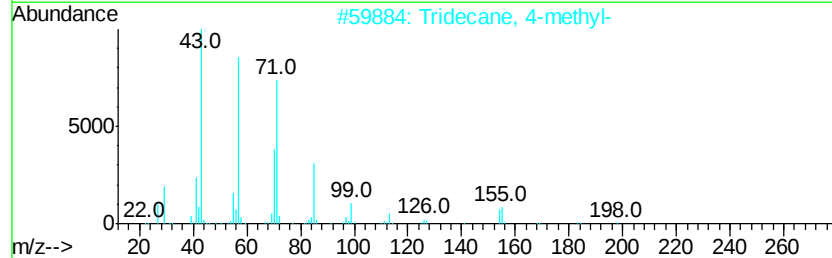
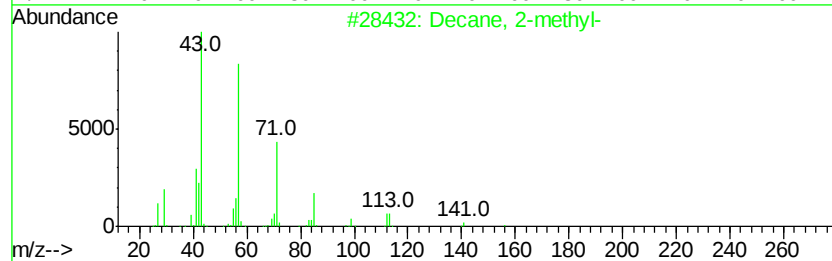
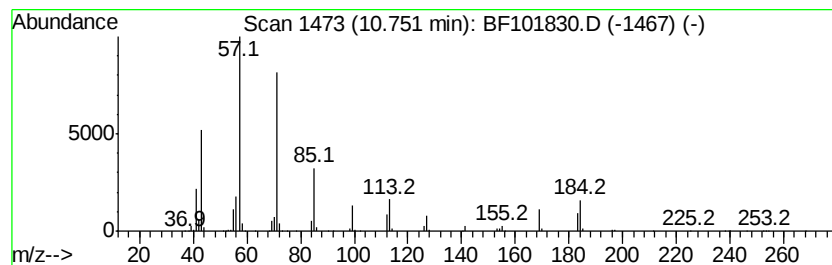
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Decane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	72.94 ng	5240150	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101830.D
Acq On : 29 Dec 2017 15:42
Operator : SJ/JU
Sample : I7023-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-DUP

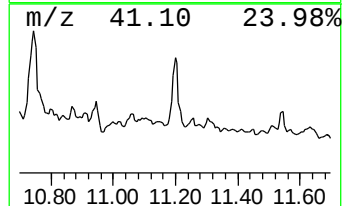
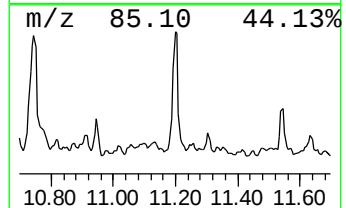
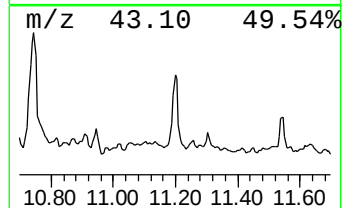
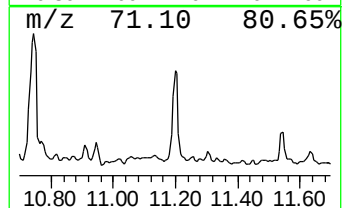
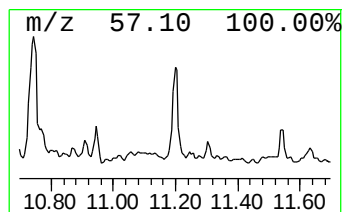
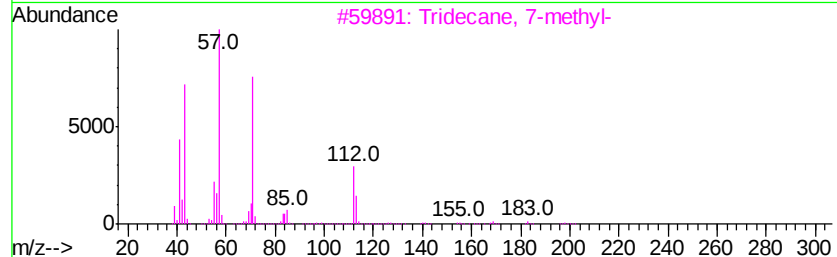
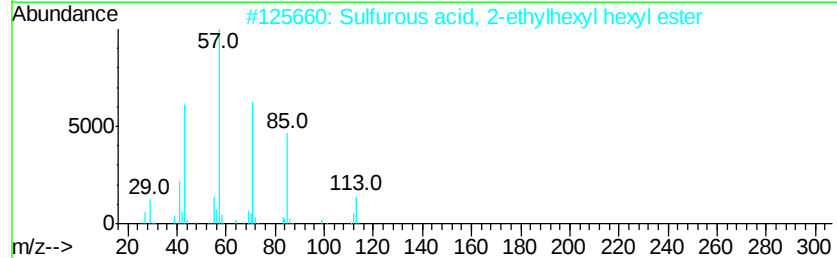
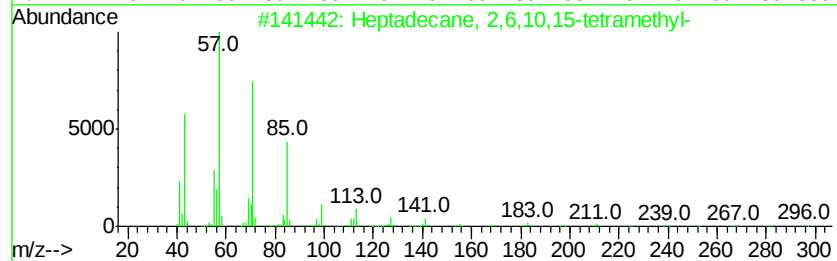
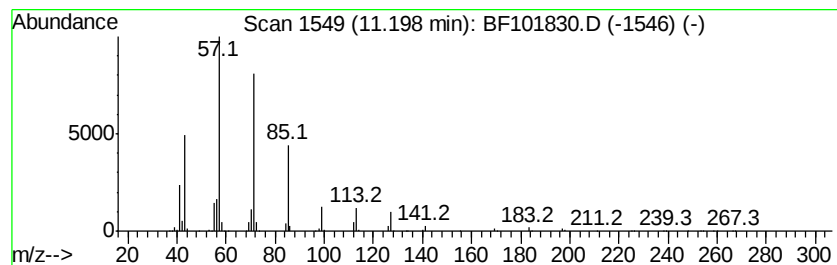
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	49.87 ng	3582830	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		2-methyloctacosane	408	C29H60	1000376-72-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101830.D
 Acq On : 29 Dec 2017 15:42
 Operator : SJ/JU
 Sample : I7023-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, 1-e...	6.02	27.8	ng	3109770	1	6.79	2238030	20.0
unknown6.56	6.56	35.4	ng	3964630	1	6.79	2238030	20.0
Benzene, 1-methyl...	7.05	28.4	ng	3171950	1	6.79	2238030	20.0
unknown7.42	7.42	32.4	ng	3629670	1	6.79	2238030	20.0
unknown9.02	9.02	27.9	ng	788767	3	9.84	566099	20.0
Dodecane, 2,7,10-...	9.09	129.8	ng	3675350	3	9.84	566099	20.0
Naphthalene, 2,7-...	9.43	105.3	ng	2979220	3	9.84	566099	20.0
Naphthalene, 2,3-...	9.50	87.2	ng	2467790	3	9.84	566099	20.0
Tridecane	9.55	157.4	ng	4454140	3	9.84	566099	20.0
Naphthalene, 1,4-...	9.62	31.8	ng	898850	3	9.84	566099	20.0
Naphthalene, 2-et...	9.70	35.8	ng	1013180	3	9.84	566099	20.0
Naphthalene, 2-(1...	9.94	75.9	ng	2148510	3	9.84	566099	20.0
Tetradecane, 2,6,...	10.02	30.3	ng	858074	3	9.84	566099	20.0
Naphthalene, 2,3,...	10.16	61.8	ng	1749490	3	9.84	566099	20.0
Naphthalene, 1,6,...	10.23	68.3	ng	1932760	3	9.84	566099	20.0
Undecane	10.47	107.3	ng	3038210	3	9.84	566099	20.0
Decane, 2-methyl-	10.75	72.9	ng	5240150	4	11.33	1436870	20.0
Heptadecane, 2,6,...	11.20	49.9	ng	3582830	4	11.33	1436870	20.0